

Andrei-Alexandru Cosma

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Naționalitate: Română

Adresă: Piața Eftimie Murgu nr. 2, 300041. Str. C. Porumbescu nr. 57-59, 300239., 300568 Timișoara (România)

EXPERIENȚĂ ÎN MUNCĂ

I. Medic specialist oncolog

OncoHelp - Centrul de Oncologie Timișoara – Timișoara, România

[05/05/2025 – Prezent]

1. Activitate clinică în principal în domeniul cancerelor de piele, neurologice și pulmonare.
2. Subinvestigator în mai multe studii clinice (Melanom, Cancer pulmonar)

II. Asistent universitar

Universitatea de Medicină și Farmacie "Victor Babeș", Departamentul de Morfologie Microscopică/Histologie – Timișoara, România

[21/09/2020 – Prezent]

1. Predare - Educația studenților la medicină în histologie
2. Cercetare

III. Medic rezident oncologie medicala

Centrul de Oncologie Oncohelp – Timișoara, România

Adresă: Str. C. Porumbescu nr. 59, 300239 Timișoara (România)

[01.03.2020 – 15.02.2025]

1. Activitate clinică
2. Subinvestigator în mai multe studii clinice

IV. Medic rezident oncologie medicala

Spitalul Clinic Municipal de Urgență Timișoara – Timișoara, România

Adresă: Str. Hector nr. 2 A, 300041 Timișoara (România)

[01.02.2020 – 15.02.2025]

Activitate clinică

EDUCAȚIE ȘI FORMARE

I. Doctor în științe medicale (PhD) - Medicină

Universitatea de Medicină și Farmacie "Victor Babeș" Timișoara [01/10/2019 – 30/09/2025]

Teză: Factori clinici și tisulari cu impact asupra prognosticului și metastazelor carcinomului renal cu celule clare

II. Doctor - Medic

Universitatea de Medicină și Farmacie "Victor Babeș" Timișoara – Medicină generală
[23/09/2013 – 05/07/2019]

III. Program de studiu de formare psiho-pedagogică

Universitatea de Vest din Timișoara [05/10/2020 – 12/07/2021]

Competențe lingvistice

- Limbă maternă: română
- Engleză

Ascultare C1 Citire C1 Scriere C1

PRODUȚIE ORALĂ C1 INTERACȚIUNE ORALĂ C1

- Spaniolă

Ascultare A1 Citire A1 Scriere A1

Producție orală A1 Interacțiune orală A1

- Franceză

Ascultare B1 Citire B1 Scriere A2

PRODUCERE ORALĂ A2 INTERACȚIUNE ORALĂ A2

Niveluri: A1 și A2: Utilizator de bază; B1 și B2: Utilizator independent; C1 și C2: Utilizator experimentat

Publicații

[2025] Site-Specific Inflammatory Signatures in Metastatic NSCLC: Insights from Routine Blood Count Parameters

Authors: Vlad-Norin Vornicu, Alina Gabriela Negru, Razvan Constantin Vonica, Andrei-Alexandru Cosma, Sorin Saftescu, Mihaela Maria Pasca Fenosan, Anca Maria Cimpean | Journal Name: Medicina | Volume, Issue and Pages: Medicina Volume 61 Issue 9 10.3390/medicina61091521

[2025] Tissue Prognostic Markers for Clear Cell Renal Cell Carcinoma Tumor-stroma Interaction: Impact on TNM Staging Parameters

Authors: ANDREI ALEXANDRU COSMA*, ALINA GABRIELA NEGRU*, OVIDIU CATALIN FERICIAN, MIHAELA MARIA PASCA FENESAN,

VLAD VORNICU, ADELA MARIA FERICIAN, EUGEN MELNIC and ANCA MARIA CIMPEAN | Journal Name: Anticancer Research | Vo lume, Issue and Pages: ANTICANCER RESEARCH 45: 2401-2416 (2025) doi: 10.21873/anticancer.17612

[2025] Predictive Factors for Multiple Metastases of Clear-cell Renal Cell Carcinoma

Authors: ANDREI-ALEXANDRU COSMA*, ALINA GABRIELA NEGRU*, OVIDIU CATALIN FERICIAN, MIHAELA MARIA PASCA FENESAN,

VLAD VORNICU, ADELA MARIA FERICIAN, EUGEN MELNIC and ANCA MARIA CIMPEAN | Journal Name: Anticancer Research | Volume, Issue and Pages: ANTICANCER RESEARCH 45: 2365-2375 (2025) doi: 10.21873/anticancerres.17609

[2024] Heterogeneity of the Alpha-Smooth Muscle Actin Tumor Score in Breast Cancer Cells Significantly Affects Tumor Invasiveness, Recurrence, and Patient Survival (PDF) Heterogeneity of the Alpha-Smooth Muscle Actin Tumor Score in Breast Cancer Cells Significantly Affects Tumor Invasiveness, Recurrence, and Patient Survival

Authors: Mihaela-Maria Pasca Fenesan • Andrei Alexandru Cosma • Eugen Melnic • Anca Maria Cimpean • Gabriel Veniamin Cozma • Alina Gabriela Negru | Journal Name: Cureus | Volume, Issue and Pages: Cureus 16(12): e75908. DOI 10.7759/cureus.75908

[2024] Combining RNAscope, Immunohistochemistry (IHC) and Digital Image Analysis to Assess Podoplanin (PDPN) Protein and PDPN_mRNA Expression on Formalin-Fixed Paraffin-Embedded Normal Human Placenta Tissues (PDF) Combining RNAscope, Immunohistochemistry (IHC) and Digital Image Analysis to Assess Podoplanin (PDPN) Protein and PDPN_mRNA Expression on Formalin-Fixed Paraffin-Embedded Normal Human Placenta Tissues

[2024] Exploring vasculogenesis in the normal human kidney and clear cell renal cell carcinoma: insights from development to tumor progression and biomarkers for therapy response Andrei Alexandru Cosma, Mihaela Pasca Fenesan, Alexandru Nesiu, Eugen Melnic, Adela Maria Ferician, Ovidiu Catalin Ferician, Emil Ceban, Simona Sarb, Anca Maria Cimpean. Front. Oncol., 30 April 2024 Sec. Molecular and Cellular Oncology

[2024] Validation of Human Bone Marrow-derived Mesenchymal Stem Cells and MCF-7 Breast Cancer Cells Co-culture Using a 3D Perfused Biomimetic Microfluidic Platform Anca Maria Cimpean, Serban Comsa, Adrian Sturza, Alina Cristina Barb, Andrei Alexandru Cosma, Mihaela Pasca Fenesan, Corneliu Ionescu, Alice Maria Ile, Simona Sarb, Monica Chis. Anticancer Res. 2024 Apr; 44(4):1441-1453. doi: 10.21873/anticancerres.16940.

[2024] Artificial Intelligence (AI) Based Analysis of In Vivo Polymers and Collagen Scaffolds Inducing Vascularization Enrica Raffaella Grazia Salvante, Anca Voichita Popoiu, Alina Cristina Barb, Andrei Alexandru Cosma, Mihaela Pasca Fenesan, Amulya K Saxena, Tudor Alexandru Popoiu, Eugen Sorin Boia, Maria Corina Stanciulescu, Borislav Dusan Caplar, Florica Ramona Dorobantu, Anca Maria Cimpean. In Vivo 2024 Mar-Apr;38(2):620-629. doi: 10.21873/in vivo.13481.

[2023] Age, Sex, Metabolic and Pharmacologic Factors May Predict Nonresponse Status to Rheumatoid Arthritis Therapies LILIAN A BORDEAN, MONICA CHIS, ANCA MARIA CIMPEAN, ALINA CRISTINA BARB, ANDREI ALEXANDRU COSMA, MIHAELA PASCA FENESAN, OVIDIU SIMION COTOI, LAURA NICOLESCU, CRISTIAN MIRCEA, In Vivo, Vol 37, (5) 2387-2401

[2023] Chloride Intracellular Channel Protein 1 Expression and Angiogenic Profile of Liver Metastasis of Digestive Origin Amalia Raluca Ceausu, Alexandru Ciolofan, Alexandru Blidisel, Andrei Alexandru Cosma, Pusa Nela Gaje and Octavian Cretu Curr. Issues Mol. Biol. 2023, 45, 1396–1406. <https://doi.org/10.3390/cimb45020091>

[2023] The Molecular Profile of the Urothelial Carcinoma of the Prostate Cosma AA, Ceausu AR, Gaje NP, Barb A, Nastase VN,

Mederle OA and Raica M. Open Access Journal of Urology & Nephrology (OAJUN) ISSN :2578-4676

[2022] The Mutually Mediated Chloride Intracellular Channel Protein1 (CLIC1) Relationship between Malignant Cells and Tumor Blood Vessel Endothelium Exhibits a Significant Impact on Tumor Angiogenesis, Progression, and Metastasis in Clear Cell Renal Cell Carcinoma (ccRCC) Adela Maria Ferician, Ovidiu Catalin Ferician, Alexandru Nesi, Andrei Alexandru Cosma, Borislav Dusan Caplar, Eugen Melnic, and Anca Maria Cimpean Cancers 2022, 14(23), 5981; <https://doi.org/10.3390/cancers14235981>

[2022] Anti-chloride Intracellular Channel Protein 1 (CLIC1) Antibodies Induce Tumour Necrosis and Angiogenesis Inhibition on In Vivo Experimental Models of Human Renal Cancer Andrei Dan Radu-Cosnita, Alexandru Nesi, Patricia Lorena Berzava, Simona Cerbu, Andrei Cosma, Serban Comsa, Simona Sarb, Adela Maria Ferician, Ovidiu Catalin Ferician, Anca Maria Cimpean Anticancer Res. 2022 Mar;42(3):1313-1325. doi: 10.21873/anticancer.15599.

[2021] Assessment of Nerve Repair Augmented with Adipose-Derived Mast Cells in an Animal Model Appl. Sci. 2021, 11(20), 9465; <https://doi.org/10.3390/app11209465>

Vlad Bloanca, Horia Haragus, Anca-Maria Campean, Andrei Cosma, Tiberiu Bratu, Zorin Crainiceanu [2020]

THE PURKINJE CELLS – A THROWBACK IN TIME

CEREBELLUM DEVELOPMENTAL CHALLENGES: FROM MORPHOLOGY TO MOLECULAR ISSUES Andrei Cosma, Amalia Raluca Ceaușu, Andreea Adriana Jitariu, Andrei Dragoș Cumpănaș, Rodica Heredea Research and Clinical Medicine, 2017, Vol. 1, Nr. 2

Permis conducere: Categoria B

Voluntariat în cadrul catedrei Histologie (VADA) – 2015-2019

Conferințe

[07/02/2017 – 08/02/2017] Timisoara

Students as peer tutors and mentors

[27/04/2017 – 29/04/2017] Kracow

The 25th international medical students conference Oral Presentation: Cerebellum developmental challenges: from morphology to molecular issues.

[27/10/2017 – 28/10/2017] Timisoara

Timisoara histology days

[19/04/2018 – 22/04/2018] Bucharest

MEDICS International Congress POSTER: **PDGF pathway gene expression heterogeneity in renal cell carcinomas**. **Andrei Alexandru Cosma**, Andrei Cumpănaș, Ariana Barmayoun, Alina Toma, Valeria Țârlui, Marius Raica, Anca Maria Cîmpean POSTER: **A rare case of multicystic mesenteric lymphangiona. The role of immunohistochemistry in developing specific treatment**. Valeria Țârlui, Rodica Heredea, Simona Cerbu, Amalia Raluca Ceașu, Alina Toma, Andrei Cumpănaș. **Andrei Cosma**, Anca Maria Cîmpean.

[20/02/2020 – 23/02/2020] Timisoara

"IMUNOTERAPIA CANCERULUI"-Winter School Conference

[01/07/2021 – 04/07/2021] Timisoara

"IMUNOTERAPIA CANCERULUI"-Winter School Goes Summer Conference

[20/06/2022 – 23/06/2022] Bucharest

Oncology Summer School

[30/06/2022 – 03/07/2022] Timisoara

"IMUNOTERAPIA CANCERULUI"-Winter School Goes Summer Again Conference Clinical Case presentation

[12/10/2022 – 15/10/2022] Craiova

Microscopic Morphology National Symposiun POSTER: **Mast cell reaction in skin neoplastic lesions**. Pușă Nela Gaje, Amalia Raluca Ceașu, Cristian Suciu, **Andrei Cosma**, Marius Raica.

[23/11/2022 – 26/11/2022] Iasi

CONFER-Conference

[31/01/2023 – 03/02/2023] Brussels

International Conference on VASCULAR ANOMALIES POSTER: **CHLORIDE INTRACELLULAR CHANNEL PROTEIN 1 (CLIC1) AN UNDERESTIMATE MARKER FOR BLOOD VESSELS ENDOTHELIUM**. Anca Maria Cîmpean, Alina Barb, Patricia Lorena Berzava, **Andrei Cosma**, Mihaela Pașca Feneșan, Corina Maria Stănculescu, Borislav Dusan Caplar, and Rodica Elena Heredea. POSTER: **Preliminary Evidence for VEGF Pathway Gene Expression Profile Heterogeneity in Proliferating versus Involuting Infantile Hemangiomas**. Anca Maria Cîmpean, Alina Barb, **Andrei Cosma**, Mihaela Pașca Feneșan, Corina Maria Stănculescu, Rodica Elena Heredea.

[11/05/2023 – 13/05/2023] Berlin

ESMO Breast Cancer Conference

[15/06/2023 – 18/06/2023] Timisoara

"IMUNOTERAPIA CANCERULUI"-Summer School Conference Oral Presentation

[29/09/2023 – 30/09/2023] Zurich

ESMO Preceptorship on Immuno-Oncology

[12/10/2023 – 14/10/2023] Poiana Brasov

SNOMR National Congress

[20/10/2023 – 23/10/2023] Madrid

ESMO Congress 2023 POSTER: Tertiary lymphoid structures (TLS) presence and stromal blood vessels heterogeneity differentially influence recurrence, lymphovascular, and perineural invasion in breast cancer molecular subtypes. **Andrei Alexandru Cosma**, Alina Cristina Barb, Serban Negru, Mihaela Maria Pasca Fenesan, Anca Maria Cimpean

[02/11/2023 – 05/11/2023] Cluj-Napoca

The 34th Congress of the Romanian Society of Radiotherapy and Medical Oncology

[09/11/2023 – 11/11/2023] Lisbon

ABC7 International Consensus Conference POSTER: **IMMUNOHISTOCHEMISTRY AND DIGITAL IMAGE ANALYSIS OF BREAST CANCER ASSOCIATED FIBROBLASTS' PLASTICITY AND THEIR INTERACTIONS WITH STROMAL COMPONENTS AND CLINICO-PATHOLOGIC.** Mihaela-Maria Pasca-Fenesan, **Andrei-Alexandru Cosma**, Alina Cristina Barb, Serban Mircea Negru, Anca Maria Cimpean

[05/02/2024 – 06/02/2024] Erlangen

2nd International CAM Conference POSTER: **Biomaterials vascularization: because even blood vessels need good interior design!** Cimpean Anca Maria, Tudor Alexandru Popoiu, Enrica Raffaella, Grazia Salvante, **Andrei-Alexandru Cosma**, Alina Barb, Mihaela Pasca Fenesan

[20/03/2024 – 23/03/2024] Prague

European Lung Cancer Congress

[29/03/2024 – 31/03/2024] Brasov

Novartis National Event POSTER: Clinical Case-Management in adjuvant melanoma

[08/05/2024 – 11/05/2024] Bucharest

Stop Cancer Symposium

[16/05/2024 – 18/05/2024] Sibiu

NATIONAL SCIENTIFIC FORUM OF ROMANIAN YOUNG ONCOLOGISTS POSTER: EIGHTEEN YEARS OLD BOY WITH A PRIMARY MEDIASTINAL YOLK SAC TUMOR: A CASE REPORT WITH PARTICULAR FEATURES **Andrei-Alexandru Cosma**; Mihaela Paşca-Fenesan; Vlad-Norin Vornicu; Diana Moldoveanu; Anca Maria Cîmpean; Serban Negru

[13/09/2024 – 17/09/2024] Barcelona

ESMO Congress

[20/11/2024 – 23/11/2024] Iasi

CONFER

[06/12/2024 – 08/12/2024] Berlin

MPNEhubs 2024 - Advanced Melanoma

[03/04/2025 – 05/04/2025] Athens

21st EADO Congress & 11th World Congress of Melanoma

[23/04/2025 – 26/04/2025] Bucharest

STOP Cancer Symposium

OncoHelp Summer School Conference Clinical case presentation about IO in SCC of the Skin

[27/06/2025 – 28/06/2025] Bucharest

A VIII-a editie a Conferintei Nationale a Asociatiei Melanom Romania- Impreuna putem salva vietii 2025 Oral presentation about the latest ESMO and ASCO guidelines in melanoma

[06/09/2025 – 10/09/2025] Vienna

37th European Congress of Pathology POSTER: Prognostic tissue markers for clear cell renal cell carcinoma tumor–stroma interaction: influence on TNM staging criteria. A.M. Cimpean, **A.A. Cosma**, M.M. Pasca-Fenesan, E. Melnic